U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
TAN-2-1495.01.US	09/778,474
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FILING DATE GROUP February 7, 2001 2467

		U.S. PATENT	DOCUMENTS		,	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,560,978	02/1971	Himmel et al.			
	3,725,938	04/1973	Black et al.			,
	3,742,498	06/1973	Dunn			
	3,846,799	11/1974	Guegen			
	3,950,753	04/1976	Chisholm			
	4,021,813	05/1977	Black et al.			
	4,099,184	07/1978	Rapshys			
	4,107,469	08/1978	Jenkins			
	4,170,766	10/1979	Pridham et al.			-
	 4,260,994	04/1981	Parker			
	4,290,071	09/1981	Fenwick			
	4,387,378	06/19/83	Henderson			
	4,448,155	1/2/1984	Wu			-
	4,577,316	03/1986	Schiff			
	4,599,733	07/1986	Gutleber			
	4,625,308	11/1986	Kim et al.			
	4,631,546	12/1986	Dumas et al.			
	4,642,806	02/1987	Hewitt et al.			
	4,675,863	06/1987	Paneth et al.			
	4,700,197	10/1987	Milne			
	4,817,089	03/1989	Paneth et al.			
	4,841,526	06/1989	Wilson et al.			
	4,862,453	08/1989	West et al.			
	4,866,709	09/1989	West et al.			
A STATE OF THE STA	4,912,705	03/1990	Paneth et al.			
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE February 7, 2001	GROUP 2467
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS	FILING DATE IF APPROPRIATE
	4,949,395	08/1990	Rydbeck			
	4,954,950	9/4/1990	Freeman et al.			
	5,022,024	06/1991	Paneth et al.	A A A A A A A A A A A A A A A A A A A		
	5,027,125	06/1991	Tang			
	5,027,348	06/1991	Curry, Jr.			
	5,027,400	06/1991	Baji et al.			
	5,038,149	08/1991	Aubry et av.			
	5,056,109	10/1991	Gilhousen et al.			
	5,068,916	11/1991	Harrison et al.			
	5,101,416	03/1992	Fenton et al.			
	5,103,459	04/1992	Gilhousen et al.			
	5,114,375	05/1992	Wellhausen et al.			
	5,115,309	05/19/92	Hang			
	5,117,236	05/1992	Chang et al.			.,
	5,124,981	06/1992	Golding			
	5,130,983	07/1992	Heffner III			
	5,226,044	07/1993	Gupta et al.			
	5,235,348	08/1993	·Audren et al.			
	5,25/,283	10/1993	Gilhousen et al.			
	8,267,262	11/1993	Wheatly III			
	5,268,900	12/1993	Hluchyj et al.		:	
	5,280,472	01/1994	Gilhousen et al.			-
	5,282,222	01/1994	Fattouche et al.			
	5,293,172	03/1994	Lamberty et al.			
	5,294,939	03/1994	Sanford et al.			
	5,303,240	04/1994	Borras et al.		-	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,325,394	06/1994	Bruckert			
	5,325,419	06/1994	Connolly et al.			
	5,337,316	08/1994	Weiss et al.			
	5,339,316	08/1994	Diepstraten			
	5,353,332	10/1994	Raith et al.			
	5,355,374	11/1994	Hester et al.			
	5,373,502	12/1994	Turbap			
	5,375,124	12/1994	D'Ambrogio, et al.			
	5,388,102	02/1995	Griffith et al.			
	5,394,473	02/1995	Davidson			
	5,412,429	05/1995	Glover			
	5,414,728	05/1995	Zehavi			
	5,422,887	06/199/8	Diepstraten et al.			
	5,430,452	07/1995	DuBois			·
	5,437,055	07/1995	Wheatley, III			
	5,442,625	08/1995	Gitlin et al.			
	5,446,727	08/1995	Bruckert et al.			
	5,463,62	10/1995	Ko		_	
	5,47,,463	11/1995	Hulbert			
	5,479,176	12/1995	Zavrel, Jr.			
	5,481,533	01/1996	Honig et al.			
	5,487,180	01/23/1996	Ohtake			
	5,490,136	02/1996	Sereno et al.			
	5,493,569	02/1996	Buchholz et al.			
	5,502,447	03/1996	Kumpfbeck et al.			
	5,511,068	04/1996	Sato			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,537,397	07/1996	Abramson			
	5,537,414	07/16/1996	Takiyasu et al.			
	5,550,828	08/27/1996	Gries et al.			
	5,559,789	09/1996	Nakano et al.			
	5,577,022	11/19/1996	Padovani et al.			
	5,581,575	12/1996	Zehavi et al			
	5,585,850	12/1996	Schwaler			
	5,586,119	12/1996	Scripano et al.			
	5,590,409	12/1996	Sawahashi et al.		-	
	5,592,178	01/1997	Chang et al.		_	
	5,592,468	01/1997	Sato			
	5,592,470	01/1997	Rudrapatna et al.			- 111
	5,592,471	01/1997	Briskman			
	5,598,416	01/1997	Yamada et al.			
	5,598,417	01/1997	Crisler et al.			
	5,604,730	12/1997	Tiedemann Jr.			
	5,606,520	02/1997	Mourot et al.¹			
	5,617,102	04/1997	Prater			
	5,617,423	04/1997	Li et al.	·		
	5,619,492	04/1997	Press et al.			
	5,619,524	04/1997	Ling et al.	_		
	5,621,752	04/1997	Antonio et al.			
	5,634,199	05/1997	Gerlach et al.			
	5,642,348	06/1997	Barzegar et al.			
	5,642,377	06/1997	Chung et al.			-

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS BUBCLASS		FILING DATE IF APPROPRIATE
	5,652,764	07/1997	Kanzaki et al.			
	5,655,001	08/1997	Cline et al.	1/1		
	5,657,326	06/1997	Burns et al.			
	5,657,358	08/1997	Panech et al.	~		
	5,663,958	09/1997	Ward			
	5,663,990	09/1997	Bolgiano et al.			
	5,673,259	09/1997	Quigit, Jr.			
	5,680,142	10/1997	Sprith et al.			
	5,684,794	11/1997	Lopez et al.			
	5,687,194	11/1997	Paneth et al.			
	5,689,502	11/1997	Scott			
	5,697,059	12/1997	Carney			
	5,699,364	12/1997	Sato et al.			
	5,708,656	01/1998	Noneman et al.			
	5,712,869	01/1998	Lee et al.			
	5,715,236	02/1998	Gilhousen et al.			
	5,726,981	03/1998	Ylitervo et al.			-
	5,734,646	03/1998	l et al.			
	5,73,0,784	04/1998	Jan et al.			
	5,742,592	04/1998	Scholefield et al.			
	5,745,484	04/1998	Scott			
	5,745,484	04/1998	Scott			
	5,758,288	05/1998	Dunn et al.			
	5,767,807	06/1998	Pritchett			
	5,781,542	07/1998	Tanaka et al.			
	5,781,543	07/1998	Ault et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,784,406	07/1998	DeJaco et al.			
	5,790,549	08/1998	Dent			
	5,790,551	08/1998	Chan			•
	5,793,744	08/1998	Kanerva et al.			
	5,802,046	09/1998	Scott		,	
	5,802,465	09/1998	Hamalainen et al.			
	5,805,994	09/1998	Perrault et al.			
	5,812,131	09/1998	Bertram			
	5,825,807	10/1998	Kumar			
	5,828,659	10/1998	Teder et al.			
	5,828,662	10/1998	Jalali et al.			
	5,838,720	11/17/1998	Morelli			
	5,841,768	11/2/998	Ozluturk et al.			
	5,844,894	12/1998	Dent			
	5,845,211	12/1998	Roach			
	5,854,786	12/1998	Henderson et al.			
	5,856,971	01/1999	Gitlin et al.			
	5,859,840	01/1999	Tiedemann, Jr. et al.			
	5,859,879	01/1999	Bolgiano et al.			
	5,862,476	01/1999	Hasegawa			
	5,867,527	02/1999	Ziv et al.			
	5,872,786	02/1999	Shobatake			
	5,873,043	02/16/1999	Comer			
	5,881,060	03/1999	Morrow et al.			
	5,881,368	03/1999	Grob et al.			
*	5,884,196	03/1999	Lekven et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SMBCLASS	FILING DATE IF APPROPRIATE
	5,892,774	04/1999	Zehavi et al.			
	5,893,035	04/1999	Chen			
	5,894,473	04/1999	Dent			
	5,896,376	04/1999	Alperovich et al.			
	5,898,929	04/1999	Haartsen			
	5,905,473	05/1999	Taenzer			
	5,910,944	06/1999	Callicotte et al.			
	5,910,945	06/1999	Gay ison et al.			
	5,914,950	06/1999	Tigdemann, Jr. et al.			
	5,915,216	06/22/1999	Lysejko			
	5,923,650	07/1999	Chen et al.			
	5,926,500	07/1999	Odenwalder			
	5,930,230	07/1999	Odenwalder et al.			
	5,933,781	/8 8/1999	Willenegger et al.			
	5,943,362	08/1999	Saito			
	5,950,131	09/1999	Vilmur			
	5,956,332	09/1999	Rasanen et al.			
	5,959	09/1999	Scott			
	5,960,361	09/1999	Chen			
	5,963,559	08/7/2003	Ohki			
	5,966,374	10/1999	Rasanen			
	5,974,036	10/26/1999	Acharya et al.			
	5,982,760	11/1999	Chen			
	5,991,279	11/1999	Haugli et al.			
	5,991,284	11/1999	Willenegger et al.			
	5,991,618	11/23/1999	Hall			-

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS	FILING DATE IF APPROPRIATE
		6,001,800	12/1999	Mehta et al.			
		6,002,690	12/1999	Takayama et al.			
		6,005,852	12/1999	Kokko et al.			
		6,005,855	12/1999	Zehavi et al.			
		6,009,106	12/1999	Rustad et al.	7		
		6,011,800	01/2000	Nadgauda et al			
		6,016,312	01/2000	Storn et			
		6,028,868	02/2000	Yeung et al.			
		6,031,827	02/2000	Rikkinen et al.			
	1	6,034,638	03/2000	Thiel et al.			
		6,037,905	03/2000	Koscica et al.			
		6,038,450	03/14/2000	Brink et al.			
		6,049,535	04/2900	Ozluturk			
		6,049,538	94/2000	Scott			
		6,052,385	04/2000	Kanerva et al.			
		6,058,338	05/2000	Agashe et al.			
		6,064,678	05/2000	Sindhushayana et al.			
		6,069,280	05/1999	Owen et al.			
		6,069,883	05/2000	Ejzak et al.			
		6,070,071	05/2000	Chavez et al.			
		6,075,974	06/2000	Saints et al.			
		6,078,572	06/2000	Tanno et al.			
		6,081,536	06/2000	Gorsuch et al.			
		6,088,335	07/2000	l et al.			
		6,094,421	07/2000	Scott			
		6,094,576	07/2000	Häkkinen et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,097,733	08/2000	Basu et al.			
	6,097,972	08/2000	Saints et al.			:
	6,100,843	08/2000	Proctor, Jr. et al.			
	6,101,176	08/2000	Honkasalo et al.		_	
	6,101,179	08/2000	Soliman			
	6,104,708	08/2000	Bergamo			
	6,111,863	08/2000	Rostoker et al.			
	6,112,092	08/2000	Benyeniste			
	6,115,370	09/2000	Struksaker et al.			
	6,118,767	09/2000	Shen et al.			
	6,134,233	10/2000	Kay			
	6,151,332	11/2000	Gorsuch et al.			
	6,157,616	12/2000	Whitehead			
	6,157,619	/2/2000	Ozluturk et al.			
	6,161,013	12/2000	Anderson et al.			
	6,163,707	12/2000	Miller			
	6,169,731	01/2001	Stewart et al.			
	6,185,184	02/2001	Mattaway et al.			
	6 185,266	02/2001	Kuchi et al.			
	6,188,678	02/2001	Prescott			
	6,188,903	02/2001	Gardner et al.			
	6,196,362	02/2001	Darcie et al.			
	6,198,723	03/2001	Parruck et al.			
	6,201,966	03/2001	Rinne et al.			
	6,208,871	03/2001	Hall et al.			
*	6,212,175	04/2001	Harsch			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	ILING DATE IF
	6,212,220	04/2001	Proctor Jr., et al.			
	6,215,798	04/2001	Carneheim et al.			
	6,219,342	04/2001	Rege			
	6,219,342	04/2001	Rege			
	6,222,828	04/2001	Ohlson et al.			
	6,222,832	04/2001	Proctor, Jr.			
	6,222,873	04/2001	Bang et al.			
	6,226,527	05/2001	Dalsgaard et al.			
	6,233,439	05/2001	Jalali			
	6,236,647	05/2001	Amalfitano			
	6,236,674	05/22/2001	Morelli et al.			
	6,243,372	06/2001	Petch et al.			
	6,246,673	06/2001	Tiedmann et al.			
	6,246,715	06/2001	Park et al.			
	6,256,509	07/2001	Tanaka et al.			
	6,259,683	07/2001	Sekine et al.			
	6,262,980	07/2001	Leung et al.			
	6,263,013	07/2001	Hendrickson			
	6,269,075	07/2001	Tran			
	6,269,088	07/2001	Masui et al.			
	6,272,168	08/2001	Lomp et al.			
	6,272,354	08/2001	Saaroi			
	6,275,478	08/2001	Tiedemann Jr.			
	6,278,701	08/2001	Ayyagari et al.			
	6,285,665	09/2001	Chuah			
	6,292,474	09/2001	Ali et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS .	SUBCLASS	LING DATE IF APPROPRIATE
		6,301,291	10/2001	Rouphael et al.			
-		6,304,215	10/2001	Proctor, Jr. et al.			
		6,307,840	10/2001	Wheatley III et al.		<u></u>	
		6,310,859	10/2001	Morita et al.			
·		6,314,300	11/2001	Nakashima et al.	X		
		6,317,092	11/2001	De Schweinitz et al.			
		6,320,851	11/2001	Kim et al.			
		6,332,008	12/2001	Giallorenzi et al.			
		6,337,668	01/2002	Ito et al.			
		6,353,412	03/2002	Soliman			
		6,353,645	03/2002	Solve et al.			
		6,356,555	03/2002	Rakib et al.			
•		6,366,570	04/200	Bhagalia			
		6,366,786	04/2002	Norman et al.			
		6,370,117	04/2002	Koraitim et al.			
		6,373,830	04/2002	Ozluturk			
		6,373,834	04/2002	Lundh et al.			
		6,377,548	04/2002	Chuah			
	<u></u>	6,37/,809	04/2002	Rezaiifar et al.			
		388,997	05/2002	Scott			
		6,388,999	05/2002	Gorsuch et al.			
		6,389,000	05/2002	Jou			
		6,396,804	05/2002	Odenwalder			
		6,396,823	05/2002	Park et al.			
		6,418,148	07/2002	Kumar et al.			
Added		6,424,645	07/23/2002	Kawabata et al.3			_

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,426,960	07/2002	Antonio			
	6,452,911	09/2002	Seo			
	6,452,913	09/2002	Proctor, Jr.			
	6,453,176	09/2002	Lopes et al.			
	6,456,608	09/2002	Lomp			
	6,466,800	10/2002	Sydon et al.			
	6,469,991	10/2002	Chuah			
	6,473,623	10/2002	Benveniste			
	6,483,816	11/2002	Tsunebara et al.			
	6,490,461	12/2002	Muller			
	6,498,785	12/2002	Derryberry et al.			
	6,498,790	12/2002	Shaheen et al.			
	6,498,939	12/2002	Thomas			
	6,501,787	12/2002	Odenwalder et al.			
	6,504,830	01/2003	Östberg et al.			
	6,512,751	01/2003	Struhsaker et al.			
	6,519,452	02/2003	Agostino et al.			
	6,519,651	02/2003	Dillon		·	
	6,522,639	02/2003	Kitade et al.			
	6,526,039	02/2003	Dahlman et al.			
	6,526,064	02/2003	Bousquet ²			
	6,526,281	02/2003	Gorsuch et al.			
age	6,532,226	03/2003	Lehtinent et al.			
	6,532,365	03/2003	Anderson et al.			
	6,542,481	04/2003	Foore et al.			

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PATENT AND TRADEMARK OFFICE	Nelson et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	LING DATE IF APPROPRIATE
	6,545,986	04/2003	Stellakis			
	6,545,994	04/2003	Nelson et al.			
	6,546,252	04/2003	Jetzek et al.			
	6,567,391	05/2003	Moon			
	6,567,416	05/2003	Chuah			
	6,567,670	05/2003	Petersson			
	6,570,865	05/2003	Masui et al			
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	6,574,211	06/2003	Padovani et al.			
	6,587,446	07/2003	Sarkar et al.			
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	6,621,808	09/2002	Sadri			
	6,633,554	19/2003	Dalal			
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	6,718,180	04/2004	Lundh et al.			
	6,724,740	04/2004	Choi et al.			
	6,724,743	04/2004	Pigeonnat			
	6,731,954	05/2004	Katz			
	6,735,188	05/2004	Becker et al.			

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	6,760,596	07/2004	Fiorini et al.			
	6,768,727	07/2004	Sourour et al.			
	6,775,558	08/2004	Ranta et al.			
	6,782,277	08/2004	Chen et al.			
	6,785,247	08/2004	Lee			
	6,788,661	09/2004	Ylitalo et al.			
	6,795,416	09/2004	Han et al			
:	6,804,219	10/2004	Koo et al.			
	6,807,221	10/2004	Kin et al.			
	6,826,169	11/2004	Nagatani et al.			
	6,831,910	12/2004	Moon et al.			
	6,868,075	03/2005	Narvinger et al.			
	6,925,068	08/2005	Stanwood et al.			
	6,931,252	08/2005	Aroudaki			
	6,934,319	08/2005	Subramanian			
	6,940,845	09/2005	Benveniste			·····
	6,954,444	10/2005	Ji et al.			
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	6,999,471	02/2006	Frazer et al.			
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	2001/0030990	10/2001	Rouphael et al.				
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¹Corresponds to EP 0635949; ²Corresponds to FR 2761557; ³Corresponds to JP 2000-92019.